Metropolitan cities in earthquake prone zones

532. SHRI N.K. PREMACHANDRAN: Will the Minister of URBAN DEVELOPMENT AND POVERTY ALLEVIATION be pleased to state:

(a) the number of Metropolitan cities in the country situated in the earthquake region, alongwith the details thereof;

(b) whether Government are considering to impose restrictions to construct multi-storey flats and buildings without observing proper safety measures at these places in view of the recent earthquake in Gujarat; and

(c) the reaction of Government thereto?

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT AND POVERTY ALLEVIATION (SHRI BANDARU DATTATRAYA): (a) Details are given in the Statement.

(b) and (c) All the State Governments were advised in May 1998 to modify their existing building bye- laws by incorporating earthquake safety measures as per specifications formulated by the Bureau of Indian Standards. After the earthquake in Gujarat, all Chief Ministers have been requested to take urgent action in this regard and send a feed back to this Ministry.

Statement

Sl. No.	*Name of the Metropolitan city*	*Seismic zone 1984 Standard of BIS and Adopted in the Vulnerability atles of India*
1	2	3
1.	Mumbai	III
2.	Calcutta	III
3.	Delhi	IV
4.	Chennai	II
5.	Hyderabad	II
6.	Bangalore	I
7.	Ahmedabad	III
8.	Pune	III
9.	Kanpur	III

1	2	3
10.	Lucknow	III
11.	Nagpur	II
12.	Surat	III
13.	Jaipur	II
14.	Kochi	III
15.	Vadodara	III
16.	Indore	Borderline of III & II
17.	Coimbatore	III
18.	Patna	IV
19.	Madurai	II
20.	Bhopal	II
21.	Visakhapatnam	II
22.	Ludhiana	IV
23.	Varanasi	III

NOTE: Extent of risk Zone.

Zone I Very low damage risk zone.

Zone II Low damage risk zone.

Zone III Moderate damage risk zone.

Zone IV High damage risk zone.

Zone V Very high damage risk zone.

Statement of SPA regarding basic codes for construction and design of buildings in quake prone zone

533. SHRI RAMDAS AGARWAL: Will the Minister of URBAN DEVELOPMENT AND POVERTY ALLEVIATION be pleased to state: